

INTERNATIONAL STANDARD

ISO
10627-1

First edition
1992-06-15

Agricultural sprayers — Data sheet —

Part 1: Typical layout

*Pulvérisateurs agricoles — Fiche technique —
Partie 1: Plan type de présentation*



Reference number
ISO 10627-1:1992(E)
Documents
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 10627-1 was prepared by Technical Committee ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Sub-Committee SC 6, *Equipment for crop protection*.

ISO 10627 consists of the following parts, under the general title *Agricultural sprayers — Data sheet*:

- *Part 1: Typical layout*
- *Part 2: Technical specifications related to components*

Annex A of this part of ISO 10627 is for information only.

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Agricultural sprayers — Data sheet —

Part 1: Typical layout

1 Scope

This International Standard establishes directives for the presentation of a typical data sheet layout, for the preparation of documents giving the dimensions and performance of non-air-assisted agricultural sprayers.

It applies to preparation of data sheets by manufacturers and importers of non-air-assisted agricultural sprayers, whether mounted, trailed or self-propelled, used for the protection and/or fertilization of crops.

NOTE 1 Terminology used in this part of ISO 10627 is in accordance with ISO 5681:—, *Equipment for crop protection — Vocabulary* (to be published; revision of ISO 5681:1981).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 10627. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 10627 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 789-3:1982, *Agricultural tractors — Test procedures — Part 3: Turning and clearance diameters*.

ISO 2288:1989, *Agricultural tractors and machines — Engine test code (bench test) — Net power*.

ISO 4254-1:1989, *Tractors and machinery for agriculture and forestry — Technical means for ensuring safety — Part 1: General*.

ISO 5682-2:1986, *Equipment for crop protection — Spraying equipment — Part 2: Test methods for agricultural sprayers*.

3 Data sheet typical layout

3.1 General

Manufacturer:

Type:

Model:

Capacity: l

Working width: m

Date of manufacture:

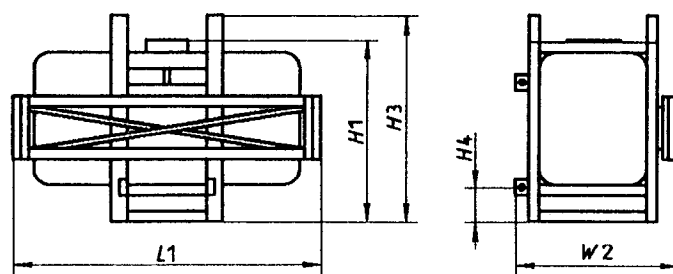
Data sheet in conformity with ISO 10627,

drawn up by:

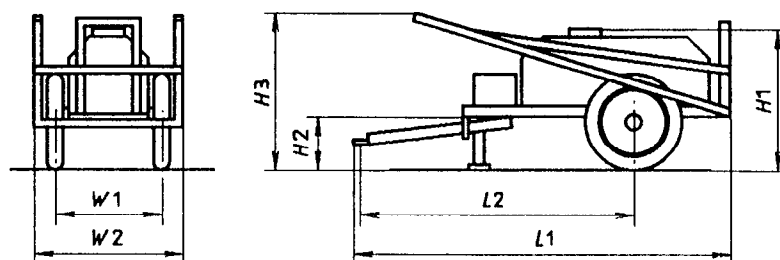
Date:

3.2 Dimensions (see figure 1)

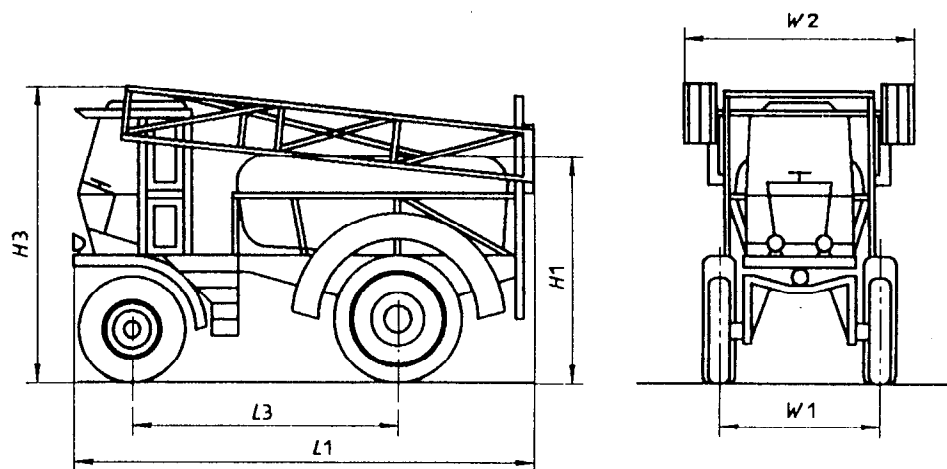
	Mounted equipment	Trailed equipment	Self-propelled equipment
Total length, L1:.....	m	m	m
Axle-coupling length, L2:		m	
Wheelbase, L3:		m	m
Wheel track, W1			
non-variable:		m	m
minimum:		m	m
maximum:		m	m
Height to top of tank filler, H1:.....	m	m	m
Clearance (below chassis at axle), H2:		m	m
Transport width (boom folded), W2:	m	m	m
Total height during transport, H3:	m	m	m
Height of lower coupling points, H4:	m		
Minimum turning radius (determined in accordance with ISO 789-3):.....			m



a) Mounted equipment



b) Trailed equipment



c) Self-propelled equipment

Figure 1 — Dimensions

3.3 Masses

			Mass on drawbar kg	Mass on wheels kg	Total mass kg	Front axle mass kg	Rear axle mass kg	Total mass kg
Sprayer empty	— Boom in transport							
	— Boom in operation							
Sprayer full	— Boom in transport							
	— Boom in operation							

3.4 Tyres

	Trailed equipment	Self-propelled equipment	
		Front	Rear
Make:.....			
Type:.....			
Size:.....			
Inflation pressure:.....			

3.5 Brakes

	Trailed equipment	Self-propelled equipment
Parking brake:		
Foot-brake (specify type):		